

DETEHIT®



The detector strip DETEHIT® was designed for detection of nerve agents in air, water, food and on the surface. The detection strip can determine dangerous concentrations of nerve agents in the air (within 2-3 minutes), if it is possible to remove the gas mask (5-15 minutes) or whether food or water are acceptable for intake (15-30 minutes).

The main advantage of the DETEHIT is his sensitivity and possibility to test drink water.

SPECIFICATION

Section 1. Product Identification and Uses

Product name	DETEHIT®	NSN	6665 16 000 7850
Manufacturer	ORITEST Ltd	Agents detected	G, V in air, water, on surfaces

Section 2. Application, Use

- Detection of Nerve Agents and organophosphate insecticides in air, water, extracts, on surfaces.
- Presence of agents is indicated when a detection zone colour remains white after a test.

Section 3. Data

Sensitivity (at 20°C) in air mg/l Exposition 2 min	GB	$1 \cdot 10^{-5}$	GP	$5 \cdot 10^{-6}$
	GD	$8 \cdot 10^{-6}$	GA	$8 \cdot 10^{-5}$
	VX	$5 \cdot 10^{-5}$	GF	$3 \cdot 10^{-6}$
Operation Temperature:	-20 °C - 40 °C bellow 0°C an antifreeze liquid is needed		Simulation:	Buffer of pH 2-3, or 50% water solution of methanol

Section 4. Design and Construction

The plastic strip contains a white cotton cloth reaction zone with immobilized cholinesterase, paper zone with chromogene substrate and yellow cotton cloth as the colour standard.

Section 5. Packing, Packaging

Each strip sealed in foil, 5 strips in a block. 10 strips with the instruction list in the PE tube or, different number of strips (20, 10, 5) in the PE foil sealed pouch.

50 tubes in a carton, or pouches in a carton.

Storage conditions -40°C -+40°C, at 60°C no more than 1 month.